
* INDIANA SINCLAIR-TIMEX USERS GROUP NEWSLETTER *

JUNE 1987

Editor-Frank Davis

NEXT MEETING

The next meeting of the Users Group ISTUG, will be at the home of Paul Holmgren, the Mad Programmer, as he is known to his friends. His address is 5231 Wilton Wood Ct., Indianapolis, IN. 46254. The meeting will start at 1:30 PM on July 25, 1987. For those needing directions, give Paul a call at 317-291-6002.

This meeting will have a door prize, and only those who attend will be eligible to win. It is the truth when I say that the door prize alone is worth more than the cost of your membership in ISTUG. BY THE WAY FOR THOSE OF YOU WHO MAY NOT HAVE NOTICED...ISTUG is now on it's second year as a viable Sinclair Users Group. In the next issue I will start having your renewal date on your address label so that it will be easier to keep track of for you. No one is at the point of renewal yet, but it is only two months till that time will roll around again. We are not at this time anticipating a raise in the fee charged for membership, and if it should become necessary in the future we will try to give you more than adequate notice.

I will not be able to make the next meeting, as I will be attending a Kokomo High School Class Reunion. This will be the first that I have attended, but by no means the first that has been held, it's just that after more than 20 years I have finally gotten curious enough to see what happened to the people I went to school with. See you at the August meeting. By the way, who wants to host the August and the September meetings? Let Paul or I know, or leave a message on the ISTUG BBS.

FUTURE COMPUTER FESTS

As all of you should know by now the 2ND Annual Midwest Timex-Sinclair Computer Fest was a smashing success. Some have even asked if there is a 3rd in the works. So let me fill your data banks with the latest file.

Check out Compuserve and you will find that there is a one day Timex-Sinclair Fair being planned for this September in the Seattle area. A number of nearby user groups and some of the dealers around there are planning on being there. Time Designs Magazine and RMG ENTERPRISES are the people to check with on this. This looks to be a very nice show. I hope to be able to make it to it myself. Lectures, seminars and of course great deals on products....along with excellent company will be had by all who attend.

And that is not all. The threee Timex/Sinclair User Groups of the San Francisco Bay Area have tentatively announced the Silicon Valley 1988 TS Fest! A final decision will be made by the end of JULY as to whether to go ahead with such a Fest. The proposed location for this Fest is in the San Mateo area, about 20 minutes from downtown S.F. They are even considering having tours of Silicon Valley, NASA's Ames Research Center and similar attractions. Let them hear of your support by either leaving a message to Norm Lehfeldt on Compuserve by Easyplex to CIS# 72466,3273 or by writing him at 757 Guerrero St., San Francisco, CA 94110. All of us users need this kind of support offered by

having computer shows dedicated to our particular computers. So let us give these guys our support.

Now for another show in the works for you to put on your schedule. The Sunstate T5 Winter fest '88 which will be held around March of 1988. This one sounds like a nice one for all of us who will still be in the cold and snow at that time of year. I am making plans to make this one my vacation for next year. I just spoke a few days ago with the Chairperson of this event and will be helping them out in an advisory capacity. I want to see this show a booming success. The Fest Committee has set up a 24 hour, 7 day a week BBS that will keep you informed about plans and whatever. It can be accessed by your computer at 904-775-0093. They are using the ISTUG BBS software for this, which I of course thought was an excellent idea.

I have also heard of one in the plans for the Midwest to be held at Cleveland, Ohio early next year and will let you know more as soon as I find out. This will have a lot of bearing on whether I put on a 3RD Midwest Timex-Sinclair Computer Fest here in this area. If it looks like Cleveland can do a good job of it...then I will not. But if it looks like it will fall through then I will go ahead with plans for a third under my control. This is in no way a putdown for the excellent Users Group in Cleveland, just that I want there to definitely be a show in the Midwest. I am willing to offer them whatever help I reasonably can in this area, and as I have already done two such shows I am aware of many of the pitfalls in this area as well as what works. They may contact me either by phone or by mail.

That is all that is known at this time concerning future Timex-Sinclair Computer Shows, but is quite a lot compared to 3 years ago when there were none!

KNOWN QL DEALERS AND SUPPORTERS

Write to these dealers to find out what is available for your QL. It never hurts to send a dollar or at least include stamps for their latest catalog or flyer. I want them to stay in business and this means we must support them whenever we find them supporting us.

- | | |
|--|--|
| (1) QUANTUM COMPUTING
Box 1280
Dover, NJ 07801 | Call: 201-328-8846
anytime
Qline BBS: 328-2919 |
| (2) TIME DESIGNS MAGAZINE CO.
29722 Hult Rd.
Colton, OR 97017 | 24 hour orderline
(503)824-2658 |
| (3) VARIETY SALES
325 West Jersey St., #2d
Elizabeth, NJ 07202 | 201-527-0535 |
| (4) CURRY COMPUTER
P.O. Box 5607
Glendale, AZ 85312-5607 | 602-978-2902 |
| (5) RMG ENTERPRISES
1419 1/2 7th Street
Oregon City, OR 97045 | 503-655-7484 |

- (6) G. RUSSELL ELECTRONICS 814-364-1325
RD 1, Box 539
Centre Hall, PA 16828
- (7) SHARP'S, INC. 804-746-1664
RT. 10, Box 459 or
Mechanicsville, VA 23111 804-730-9697
- (8) MARKEL ENTERPRISES
P.O. Box 2392
Secaucus, NJ 07094-0992
- (9) QUANTUM LEVELS (10) C.W. ASSOCIATES
P.O. Box 64 419 N Johnson St.
Jefferson, NH 03583 Ada, Ohio 45810
- (11) QZX JOURNAL (zx/q1 ham mag)
2025 O'Donnell Drive
Las Cruces, NM 88001
- (12) CTM MAGAZINE 205-854-0271
1704 Sam Drive
Birmingham, AL 35235
- (13) BRICE ROAD PHARMACY
1653 Brice Road
Reynoldsburg, OH 43068

That is all of the U.S. supporters of the QL that I know of at this time. If anyone has more information on others, then let me know and I will include them in the next available issue.

ERROR REPORT

In the last issue we included an excellent program, (and the superlative is there because the program is good, not just for flattery) and forgot to tell you who the author was. The program was "The 2068 PANTOGRAPH" and the author was Basil Wentworth. In this issue we have another program by Basil for the ZX81/TS1000 called ALPHA. In an earlier issue we had the TS2068 version of this. Basil has been of great help to ISTUG over the last year, what with programs, tips and with being the chairman of the lectures and seminars at this years Fest. We all owe him a big "thank you!"

While not an error I also want to thank the following for their contributions to the newsletter this past year: James Kerr, David Lebowitz, Paul Holmgren, Willie Jones, Mike Fellerski, Carol Davis, and Ralph McCrum. I hope I have not forgotten anyone else. Now let us hear from some other members. The newsletter gets to you sooner when it has material to go in it.

FREE AD !

FOR SALE: PC8300 TS1000 compatible, w/16K RAM pack, Monthly Planner & ZX-Text program. English version of instructions! All for \$25 pp. Call Mike at 219-483-5859 evenings.

ASSORTED "TIPBITS"

by Joan Kealy

"The following are only a few of the many tips for the TS2068 sent to us recently by Joan, a Texas ISTUG member." ED.

(1) To edit cartridge software, BREAK (if possible), enter own basic lines into RAM by POKE 23750,0; return to cartridge romware with POKE 3750,128.

(2) To flash listings, get E Mode by depressing CAP & SYMBOL SHIFTS; still holding CAP SHIFT, press 9 key; the next character entered will flash. Turn off in same manner from E MODE but use 8 key.

(3) To spurt a sentence across screen for attention, do the following:

```
100 LET A$="WATCHING MOVEMENT IS PRIMAL"
110 PAUSE 240:GOSUB 200 (INTERVENING LINES FOR ADDITIONAL
    SENTENCE MATERIAL)
200 LET P=LEN A$: FOR I=1 TO P:LET Z=I+29: IF Z>P THEN LET
    Z=P 250 BEEP .005,22: PRINT AT 21,0; PAPER 0; INK 6; "
    "; A$(I TO Z); " "
260 PAUSE 10: NEXT I: RETURN
```

(4) For Time in seconds elapsed:

```
1 POKE 23672,0: POKE 23673,0
9999 PRINT INT (PEEK 23672+256*PEEK 23673+.5) *
    100/60.1145+.5)/100
```

(5) To frame a picture without heavy border:

(any line numbers will do)

```
10 PLOT 0,0
20 DRAW 255,0
30 DRAW 0,175
40 DRAW -255,0
50 DRAW 0,-175
```

(6) To increase word processor or game speed, POKE 23561,N (N=1 TO 35) with 10-15 recommended for text. POKE 23562,N (N=1 TO 5) with 3 recommended for text. You may also crash your (!) program so only try this on a copy and not when you are in a hurry (till you have found it is compatible with your WP.)

For games POKE 23561,N with 1 TO 10 best; POKE 23562, 1 best, though range same as for WP.

"I hope you enjoy some of these tips that Joan Kealy has given us, and I plan on using more in future issues" ED

NEXT ISSUE

The next issue hopes to be out on time and larger, meanwhile send me some material that you want to share. In the next issue we will be presenting a rather large program that Paul Holmgren has written. The issue after that will contain the docs for it. It is too large to fit both in one issue and you will soon see why. It is a program for darn near total household money management....and I do not mean something trivial like TS's Budgeteer. This one is useful.

One time I included some material from another newsletter (with their okay) and got the reaction from some members that they would only like to see original material by ISTUG members. Since that time I have kept it that way. This does not mean that we do not like what other newsletters have to say, only that those newsletters are in the ISTUG library for use already.


```

5 GOTO 2000
10 LET T$="BASIL"
15 GOSUB 5000
20 LET T$="LOVES"
25 GOSUB 5000
30 LET T$="JOCELYN"
35 GOSUB 5000
9999 STOP
20000 REM DATA
20010 LET S$="A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20015 REM A
20020 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20025 REM B
20030 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20035 REM C
20040 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20045 REM D
20050 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20055 REM E
20060 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20065 REM F
20070 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20075 REM G
20080 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20085 REM H
20090 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20095 REM I
20100 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20105 REM J
20110 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20115 REM K
20120 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20125 REM L
20130 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20135 REM M
20140 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20145 REM N
20150 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20155 REM O
20160 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20165 REM P
20170 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20175 REM Q
20180 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20185 REM R
20190 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20195 REM S
20200 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20205 REM T
20210 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20215 REM U
20220 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20225 REM V
20230 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20235 REM W
20240 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20245 REM X
20250 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20255 REM Y
20260 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20265 REM Z
20270 LET S$=S$+"A B C D E F G H I J K L M N O P Q R S T U V W X Y Z SPACE"
20275 REM SPACE
29000 GOTO 10

```

LTR SHIFTED GRAPHIC CHR\$:

A	T 7 4 U 6 5 5 > 5
B	E 7 4 E 7 4 U 6 1
C	T 7 4 5 > > Y 6 1
D	E 7 4 5 > 5 U 6 1
E	E 7 1 E 1 > U 6 4

```

5000 REM INTERPRET TEXT
5010 LET A$=""
5020 LET B$=""
5030 LET C$=""
5040 FOR F=1 TO LEN T$
5050 LET T=9*(CODE T$(F)-38)
5055 IF T$(F)="" THEN LET T=9*2
5060 LET A$=A$+S$(T+1 TO T+3)
5070 LET B$=B$+S$(T+4 TO T+6)
5080 LET C$=C$+S$(T+7 TO T+9)
5100 NEXT F
5110 PRINT
5120 PRINT A$
5130 PRINT B$
5140 PRINT C$
5500 RETURN
9000 REM SAVE
9010 SAVE "ALPHA"
9100 REM INSTRUCTIONS
9110 CLS
9120 PRINT "ENTER TEXT IN LINES 10, 20, 30, ETC., WITH GOSUB 5000 AFTER"
9140 PRINT "EACH LINE."
9150 PRINT "THEN RUN."
9160 PRINT "THERE CAN BE UP TO 5 LINES"
9170 PRINT "OF TEXT; EACH LINE MAY INCLUDE"
9180 PRINT "NO MORE THAN 10 CHARACTERS."
9190 PRINT "EACH LINE MUST CONSIST ONLY"
9200 PRINT "OF LETTERS AND SPACE S."
9210 PRINT "WHEN READY, PRESS ""ENTER""."
9220 INPUT T$
9230 CLS
9240 LIST

```

LISTING FOR "ALPHA"--ZX81/TS1000

F	E 7 > E 1 > 5 > >
G	T 7 4 5 3 4 Y 6 1
H	5 > 5 E 7 5 5 > 5
I	> R 1 > 8 > > 0 4
J	> > 5 > > 5 Y 6 1
K	5 T > E 4 > 5 2 4
L	5 > > 5 > > U 6 4
M	U 3 5 5 1 5 5 > 5
N	U > 5 5 Y 5 5 > 5
O	T 7 4 5 > 5 Y 6 1
P	E 7 4 U 6 1 5 > >
Q	T 7 4 5 4 5 Y 0 1
R	E 7 4 U 6 1 5 2 4
S	T 7 > 2 7 4 Y 6 1
T	7 E 1 > 5 > > 5 >
U	5 > 5 5 > 5 Y 6 1
V	5 > 5 5 > 5 2 T >
W	5 > 5 5 > 5 Y Y 1
X	Y 3 1 > 5 > T 2 4
Y	Y 3 1 > 5 > > 5 >
Z	7 7 5 > T > 0 6 4
SPACE	> > > > > > >

NOTE: ">" INDICATES A SPACE (NOT IN GRAPHICS MODE)

CODING CHART FOR ZX81/TS1000